

Title (en)

1-ALKYL-4-BENZOYL-5-HYDROXYPYRAZOLE COMPOUNDS AND THEIR USE AS HERBICIDES

Title (de)

1-ALKYL-4-BENZOYL-5-HYDROXYPYRAZOL-VERBINDUNGEN UND IHRE ANWENDUNG ALS HERBIZIDE

Title (fr)

COMPOSES 1-ALKYL-4-BENZOYL-5-HYDROXYPYRAZOLE ET LEUR UTILISATION COMME HERBICIDES

Publication

**EP 0918755 A1 19990602 (EN)**

Application

**EP 98911961 A 19980324**

Priority

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- US 4235197 P 19970324

Abstract (en)

[origin: WO9842678A1] 1-Alkyl-4-benzoyl-5-hydroxy-1H-pyrazole compounds in which the benzoyl moiety is substituted in the 2-position with groups such as halo or alkyl, in the 4-position with an alkylsulfonyl group, and in the 3-position with a cyclic or acyclic derivatized amino group, such as 1-ethyl-4-(2-chloro-4-methylsulfonyl-3-(morpholin-4-yl)benzoyl-5-hydroxy-1h-pyrazole, were prepared and found to be useful for the control of a variety of broadleaf and grassy weeds. The compounds can be applied either preemergently or postemergently and can be used to control undesirable vegetation in corn, rice, and wheat crops.

IPC 1-7

**C07D 231/20; A01N 43/56; C07C 317/44; C07C 317/46; C07C 317/48**

IPC 8 full level

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